Effective October 1, 2003 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE ' OR SMALL ENTITY TOTAL CLAIMS RATE FEE RATE FEE FOR NUMBER FILED **NUMBER EXTRA** BASIC FEE 385.00 Basic fee OR 770.00 TOTAL CHARGEABLE CLAIMS minus 20= XS 9= XS18= INDEPENDENT CLAIMS minús 3 = X43= X86= MULTIPLE DEPENDENT CLAIM PRESENT OR +145= +290= If the difference in column 1 is less than zero, enter "0" in column 2 OR TOTAL TOTAL OR CLAIMS AS AMENDED - PART II OTHER THAN (Column 1) SMALL ENTITY (Column 2) (Column 3) OR SMALL ENTITY CLAMS HIGHEST Ø REMAINING ADDI-NUMBER PRESENT ADDI-ENT AFTER **PREVIOUSLY** RATE TIONAL **EXTRA** RATE TIONAL AMENDMENT PAID FOR FEE ENOM FEE Total Minus xs = OR Independent Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +145= +290= OR TOTAL OR ADDIT. FEE (Column 1) (Column 2) (Column 3) CIAMS HIGHEST REMAINING NUMBER ADDI-PRESENT AMENDMENT ADDI-**AFTER** PREVIOUSLY RATE EXTRA TIONAL RATE TIONAL AMENDMENT PAID FOR FEE FEE **Total** X\$ 9= X\$18= OR Independent FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43= XB6= OR +145= +290= OR TOTAL TOTAL ADDIT. FEE ADDIT. FEE (Column 1) (Column: 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER ADDI-PRESENT ADDI-AFTER PREVIOUSLY BOTRAGO PATE: TIONAL TIONAL Œ. **AMENDMENT** PAID FOR FEE AMENDA FEE Total Minus X\$ 9= X\$18= OR Independent Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43= X86= OR +145= If the entry in column 1 is less than the entry in column 2, write "0" in column 3. +290= OR of the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." TOTAL "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." ADDIT. FEE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. FORM PTO-678 (Rev. 10/03) Platers and Tradematic Office, U.S. DEPARTMENT OF COMMERCE

PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number